

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/431,843A

DATE: 04/20/2000

TIME: 11:26:22

Input Set: I431843A.RAW

95		275		280		285	
96	Thr	Ile	Pro	Gln	Pro	Leu	Thr
97		290		295		300	
98	Gly	Ser	Arg	Asp	Pro	Ser	Gln
99	305			310		315	
100	Gly	Ser	Gly	Arg	Asp	Leu	Ser
101				325		330	
102	Ser	Leu	Leu	Asn	Thr	Lys	Pro
103				340		345	
104	Gln	Arg	Asp	Glu	Ala	Lys	Ser
105				355		360	
106	Lys	Leu	Glu	Gly	Asn	Arg	Gln
107				370		375	
108	Gln	Gly	Val	Ser	Glu	Val	Glu
109	385			390		395	
110	Ala	Leu	Ser	Pro	Ile	Ser	Gln
111				405		410	
112	Pro	Val	Ala	Arg	Val	Ala	Asn
113				420		425	
114	Glu	Gly	Ala	Glu	Gly	Asp	Gly
115				435		440	
116	Ser	Ala	Leu	Pro	Pro	Thr	Pro
117				450		455	
118	Gly	Asn	Gly	Pro	Glu	Asp	Ser
119	465			470		475	
120	Lys	Ser	Gln	Val	Gly	Pro	Glu
121				485		490	
122	Asp	Pro	Asn	Ser	Gln	Val	Gly
123				500		505	
124	Pro	Glu	Asp	Pro	Asn	Ser	Gln
125				515		520	
126	Val	Gly	Pro	Glu	Asp	Pro	Asn
127				530		535	
128	Ala	Ser	Lys	Ser	Pro	Val	Glu
129	545			550		555	
130	Ser	Val	Asp	Glu	Ser	Glu	Glu
131				565		570	
132	Pro	Pro	Lys	Pro			
133				580			

134 <210> SEQ ID NO 3

135 <211> LENGTH: 987

136 <212> TYPE: DNA

137 <213> ORGANISM: Rattus norvegicus

138 <400> SEQUENCE: 3

139	cattggggccg	acgtgcgc	atg	ctcctctaga	ctcgaggaat	tcgggccccca	gggtgtctct	60
140	gaggtagaga	aaattgccct	taaccttgag	gagtggtgcc	ttagccctat	cagccaggag		120
141	cccagggagg	stgaaccgpc	ctgtcctgtg	gccaggggtg	ctanaatgag	gtaagaaaag		180
142	cggnaggaag	gtggaggaag	gggctgaggg	tgatggagt	agtcagtaac	actyaaatg		240
143	caggccagt	ccctgcctcc	tacccttca	gagtgctctg	aggcccaaaa	ggatgggaat		300
144	gggccagagg	actcaaacag	ccaggttg	gggcagaggatt	ccaaaagcca	ggtggggccg		360

W-->
W-->

all
item
10
on Enon
summary
sheet

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W--> 145 gaggatccaa acagccaggt ggggctggag gacccaaaca gccaggtcgg gccagaggac 420
W--> 146 ccaaacagcc aggtcggggc agaggaccca aacagccagg tcggggccaga ggacccaaac 480
147 agccaggtcg ggccagagga ccaaacagc caggtggtgg ggccagagca agctgcctct 540
148 aagagccctg tgganggacc ctgactctga cactatggga acctcagtg atgagtcaga 600
149 ggagttggca aggattgagg cntytgctga acccccaaag ccttagaggt gcatttcagt 660
150 cctactcagc ccactgcagg gggtttctga gtccagagct ctgccgtagg ctcttcttgg 720
151 tgccccacag tgctggcctc tccctastgg tctactgaggt ggccaccaga gggactgagg 780
152 ccctgccttc aggggaaggcc aaggccttca gaacctcct tacctcactg tgtcctcctc 840
153 cactgccttc tgagccctgc gttgtgatca gaccctaagg gtctagaggg aggggcctct 900
154 tcattagtct ggtgccaagt gaggcctttt ctgaataaac tcttttagact ttgtcaaaaa 960
155 aaaaaaaaaa aaaaaaaaaa aaaaaaa 987
156 <210> SEQ ID NO 4
157 <211> LENGTH: 2290
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 4
161 tagaattcag cggccgctga attctagccg agcatggacg accccgactg cgactccacc 60
162 tgggaggagg acgaggagga tgcggaggac gcgaggacg aggactgcga ggacggcgag 120
163 gccgcccggc cgagggacgc ggacgcaggg gacgaggacg aggagtgcga ggagccgcgg 180
164 gcggcgccgg ccagctcgtt ccagtccaga atgacagggt ccagaaactg gcgagccacg 240
165 agggacatgt gtaggtatcg gcacaactat ccgatctgg tggaacgaga ctgcaatggg 300
166 gacacgcca acctgagttt ctacagaaat gagatccgct tctgcccac cggtgttttc 360
167 attgaggaca ttcttcagaa ctggacggac aactatgacc tcttgagga caatcactcc 420
168 tacatccagt ggctgtttcc tctgcgagaa ccaggagtga actggcatgc caagcccctc 480
169 acgctcaggg aggtcgaggt gtttaaaagc tcccaggaga tccaggagcg gcttgtccgg 540
170 gcctacgagc tcatgctggg cttctacggg atccggtgg aggaccgagg cacgggcacg 600
171 gtgggcccag cacagaacta ccagaagcgc ttccagaacc tgaactggcg cagccacaac 660
172 aacctccgca tcacacgcat cctcaagtcg ccgtgtgagc tgagcctcga gcacttccag 720
173 gcgccactgg tccgcttctt cctggaggag acgctggtgc ggccgggagct gccgggggtg 780
174 cggcagagtg ccctggacta cttcatgttc gccgtgcgct gccgacacca gcgccgccag 840
175 ctggtgcaact tcgcctggga gcacttccgg ccccgctgca agttcgtctg ggggccccaa 900
176 gacaagctgc ggaggttcaa gccagctct ctgccccatc cgctcgaggg ctccaggaag 960
177 gtggaggagg aaggaagccc cggggacccc gaccacgagg ccagcaccga gggtcggacc 1020
178 tgtgggccag agcatagcaa ggggtggggc aggtgaggc aggggccccca gccacggagc 1080
179 gtggagcccc aggatgcggg acccctggag aggagccagg gggatgaggc agggggccac 1140
180 ggggaagata ggccggagcc cttaagcccc aaagagagca agaagaggaa gctggagctg 1200
181 agccggcggg agcagccgcc cacagagcca ggccctcaga gtgctcaga ggtggagaag 1260
182 atcgctctga atttggaggg gtgtgccctc agccagggca gcctcaggac ggggacccag 1320
183 gaagtgggcg gtcaggaccc tggggaggca gtgcagccct gccgccaacc cctgggagcc 1380
184 aggtggtggc acaaggtgag gaagcggagg aaggtggatg aggtgctgg ggacagtgtc 1440
185 gcggtggcca gtggtggtgc ccagacctg gcccttgccg ggtccctgc cccatcgggg 1500
186 caccceaagg ctggacacag tgagaacggg gttgaggagg acacagaagg tcgaacgggg 1560
187 cccaaagaag gtacccttg gagcccatcg gagaccccag gcccagccc agcaggacct 1620
188 gcaggggacg agccagccga gagcccatcg gagaccccag gcccagccc ggcaggacct 1680
189 gcaggggacg agccagccga gagcccatcg gagaccccag gcccagccc ggcaggacct 1740
190 acaagggatg agccagccga gagcccatcg gagaccccag gcccagccc ggcaggacct 1800
191 gcaggggacg agccagccga gagcccatcg gagaccccag gcccagccc ggcaggacct 1860
192 gcaggggacg agccagccga gagcccatcg gagaccccag gcccagccc ggcaggacct 1920
193 acaagggatg agccagccaa ggcgggggag gcagcagagt tgcagkacgc agaggtggag 1980
tcttctgcca agtctgggaa gccttaagga aaggagtgc cgtcggcgctc ttgtcctcc 2040

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

✓ FYI

Input Set: I431843A.RAW

Line	?	Error/Warning	Original Text
141	W	"N" or "Xaa" used: Feature required	cccagggagg stgaaccgcc ctgtcctgtg gccagggt
142	W	"N" or "Xaa" used: Feature required	cggaggaag gtggaggaag gggctgaggg tgnatgga
148	W	"N" or "Xaa" used: Feature required	aagagccctg tgganggacc ctgactctga cactatgg
149	W	"N" or "Xaa" used: Feature required	ggagttggca aggattgagg cntytgctga acccccaa
707	W	"N" or "Xaa" used: Feature required	tagaattcag cggccgctga attctagccg agcatgga